

WATER TRANSMISSION SYSTEM

CHANGES FROM PRIOR PLANS

Storage Facilities

Minor scheduling changes were made and no new projects were added to the FY 03-04 capital plan for Storage Facilities.

Pipeline Facilities

Minor scheduling changes were made and no new projects were added to the FY 03-04 capital plan for Common Facilities.

Common Facilities

One project was completed in FY 02-03 and minor scheduling changes were made. No new projects were added to the FY 03-04 capital plan for Common Facilities.

SONOMA COUNTY WATER AGENCY - CAPITAL PROJECTS PLAN
PROJECT FUNDING SUMMARY - WATER TRANSMISSION SYSTEM
FY 2003/04 THROUGH FY 2007/08

FUNDING SOURCE / NAME	5 YEAR TOTAL FUNDING	PROJECTED FUNDS				
		2003/04	2004/05	2005/06	2006/07	2007/08
FEDERAL / STATE						
Federal	0	0	0	0	0	0
State	0	0	0	0	0	0
Total Federal / State Funds	0	0	0	0	0	0
SCWA GENERAL FUND						
SCWA General Fund	0	0	0	0	0	0
Total SCWA General Fund	0	0	0	0	0	0
NON-COUNTY FUNDS						
Storage Facilities Fund	16,137,500	3,907,500	526,500	11,643,500	60,000	0
Pipeline Facilities Fund	32,875,000	3,500,000	15,065,000	14,000,000	310,000	0
Common Facilities Fund	7,025,000	4,125,000	950,000	650,000	700,000	600,000
Maint - Bldg Improvements Funds	8,675,375	6,412,375	1,807,000	152,000	152,000	152,000
Total Non-County Funds	64,712,875	17,944,875	18,348,500	26,445,500	1,222,000	752,000
UNDETERMINED FUNDS						
Undetermined Funds	0	0	0	0	0	0
Total Undetermined Funds	0	0	0	0	0	0
TOTALS	64,712,875	17,944,875	18,348,500	26,445,500	1,222,000	752,000

SONOMA COUNTY WATER AGENCY - CAPITAL PROJECTS PLAN
PROJECT EXPENDITURE SUMMARY - WATER TRANSMISSION SYSTEM
FY 2003/04 THROUGH FY 2007/08

PROJECT TITLE	PROJECT DESCRIPTION	5-YEAR PLAN ESTIMATED TOTAL COST	PROJECTED COSTS				
			2003/04	2004/05	2005/06	2006/07	2007/08
STORAGE FACILITIES FUND FUND 675405							
Kawana Springs Tank No. 2	Construct 10 MG storage tank	4,080,000	3,840,000	240,000	0	0	0
Env/design/constr 24,000 LF 36" pipe	Design/construct pipeline	800,000	0	0	800,000	0	0
Cotati Reservoirs Revegetation	Additional trees for visual screen	5,000	2,500	2,500	0	0	0
Cotati-Kastania Booster Pump	500 hp to 1,500 hp pump station	2,802,500	15,000	84,000	2,643,500	60,000	0
Kastania Tank No. 2	Environmental/design/construct 12 MG reservoir	4,800,000	0	200,000	4,600,000		
Kawana-Ralphine Pipeline	Pipeline Study Environmental/design/construct	50,000 0	50,000				
Purchase of Rights to Oakmont Pipeline	Purchase of capacity rights to Oakmont pipeline	3,600,000	0	0	3,600,000	0	0
TOTALS		16,137,500	3,907,500	526,500	11,643,500	60,000	0
PIPELINE FACILITIES FUND FUND 675413							
Eldridge-Madrone Pipeline	Design/construct pipeline	3,565,000	3,500,000	65,000			
South Transmission System Project	Design/construct pipeline	29,310,000	0	15,000,000	14,000,000	310,000	
TOTALS		32,875,000	3,500,000	15,065,000	14,000,000	310,000	0

PROJECT TITLE	PROJECT DESCRIPTION	5-YEAR PLAN ESTIMATED TOTAL COST	PROJECTED COSTS				
			2003/04	2004/05	2005/06	2006/07	2007/08
COMMON FACILITIES FUND FUND 675421							
Mirabel Site Improvements	Mirabel Grounding Grid Mods Chlorine Scrubbers	265,000 0	265,000	0	0	0	0
Wohler Site Improvements	Collectors 1&2 Surge Protection	325,000	325,000				
Russian River Wellfield Developmnt	Winterization of Well Equipment Revegetation	495,000 0	495,000				
Emergency Power for Tansmission System		945,000	945,000				
pH Control System	Revegetation for River Rd pH Bldg	2,000	2,000				
Water Supply and Transmission System Expansion	Environmental studies/feasibility Diversion Alternatives	0 3,050,000					
Mirabel-Cotati Pipeline	Environmental/planning .	485,000	85,000	100,000	100,000	100,000	100,000
Pump & Collector Capacity	Collector No. 6 pumphouse Startup/Permitting	325,000	325,000	200,000			
Wohler-Forestville Pipeline	Design/construct 8,300 LF 60" pipeline	183,000	183,000				
Cotati-Kastania Pipeline (move to Pipeline Facilities)			750,000				
TOTALS		7,025,000	4,125,000	950,000	650,000	700,000	600,000

PROJECT TITLE	PROJECT DESCRIPTION	5-YEAR PLAN ESTIMATED TOTAL COST	PROJECTED COSTS				
			2003/04	2004/05	2005/06	2006/07	2007/08
MAINT - BLDG/IMPROVEMENTS FUND 675108							
Aqueduct Cathodic Protection		787,000	787,000	0	0	0	0
Annual Calibration of Electrical Equipment		60,000	12,000	12,000	12,000	12,000	12,000
Battery Service Agreement		7,500	7,500	0	0	0	0
Booster & RDS - Spare Contactors		150,000	150,000	0	0	0	0
Cathodic Protection	Cotati Reservoir #1	0	0	0	0	0	0
	Kawana Reservoir #1	40,000	40,000	0	0	0	0
	Ralphine #3	50,000	50,000	0	0	0	0
	Ralphine #2	50,000	50,000	0	0	0	0
Cathodic Protection Study		25,000	25,000	0	0	0	0
Caustic Soda Metering Pump Parts		7,875	7,875	0	0	0	0
Chlorine Parts & Detectors		73,500	73,500	0	0	0	0
Cotati Seismic Valve		110,000	0	110,000	0	0	0
Cotati Tank #2 Recoat (CS)		1,375,000	75,000	1,300,000	0	0	0
Ely Solid State Protect Relays		125,000	0	125,000	0	0	0
Ely Switch Gear Upgrade		120,000	120,000	0	0	0	0
Engineering Service Agreement		30,000	30,000	0	0	0	0
Hoist certification		24,500	24,500	0	0	0	0
Kastania 16" Mag Meter Replacement (3)		35,000	0	35,000	0	0	0
Kastania Booster Station Elec Upgrade		75,000	75,000	0	0	0	0
Kastania Booster Station Pump/Motor		90,000	90,000	0	0	0	0
Kawana Tank Project - Telemetry Equipment		5,000	5,000	0	0	0	0

PROJECT TITLE	PROJECT DESCRIPTION	5-YEAR PLAN ESTIMATED TOTAL COST	PROJECTED COSTS				
			2003/04	2004/05	2005/06	2006/07	2007/08
Mirabel Closed Circuit TV Upgrade		25,000	5,000	5,000	5,000	5,000	5,000
Collectors 3,4,5		50,000	50,000	0	0	0	0
Mirabel Environment Equipment Shed		175,000	175,000	0	0	0	0
Mirabel Power Coordination Study		75,000	75,000	0	0	0	0
Mirabel Solid State Protect Relays		20,000	20,000	0	0	0	0
Mirabel Switch Gear Upgrade		120,000	120,000	0	0	0	0
Mirabel Transformer Spares		60,000	0	60,000	0	0	0
Overhaul Pumps & Motors		80,000	80,000	0	0	0	0
pH/Chlorine analyzer - Spare		5,000	5,000	0	0	0	0
Pond Maintenance		70,000	70,000	0	0	0	0
Pump House 3,4 Contractor Replacement		100,000	100,000	0	0	0	0
Ralphine tank #4 Recoat (CS)		3,210,000	3,210,000	0	0	0	0
Routine & Unscheduled Maintenance		100,000	100,000	0	0	0	0
Sonoma Booster #1 - Elec Serve Upgrades (CS)		340,000	340,000	0	0	0	0
Telemetry System (RTU) Replacement		275,000	75,000	50,000	50,000	50,000	50,000
Test Equipment		50,000	10,000	10,000	10,000	10,000	10,000
Warm Springs Dam Control Mod		75,000	75,000	0	0	0	0
Warm Springs Dam Flow Meter		25,000	0	25,000	0	0	0
Warm Springs Dam Protective Relay		10,000	10,000	0	0	0	0
Water System Instrument Spares		75,000	15,000	15,000	15,000	15,000	15,000
Wilfred Booster-Upgrade Motor/Switchgear		45,000	45,000	0	0	0	0
Wilfred Booster Station Main Breaker Device		25,000	25,000	0	0	0	0

PROJECT TITLE	PROJECT DESCRIPTION	5-YEAR PLAN ESTIMATED TOTAL COST	PROJECTED COSTS				
			2003/04	2004/05	2005/06	2006/07	2007/08
Wohler & Mirabel 12 KV Transformer Maint		125,000	25,000	25,000	25,000	25,000	25,000
Wohler Chlorinator Replacement		10,000	10,000	0	0	0	0
Wohler Closed Circuit TV Upgrade		25,000	5,000	5,000	5,000	5,000	5,000
Wohler Switchgear Maint		155,000	35,000	30,000	30,000	30,000	30,000
Wohler Switchgear Upgrade		85,000	85,000	0	0	0	0
Wohler Substation Maint		25,000	25,000	0	0	0	0
TOTALS		8,675,375	6,412,375	1,807,000	152,000	152,000	152,000
WATER TRANSMISSION SYSTEM TOTAL		64,712,875	17,944,875	18,348,500	26,445,500	1,222,000	752,000